

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D120-638 REV. A

REF. TCCA STC: SH99-221

REF. FAA STC: SR01177NY

REF. EASA STC: EASA.IM.R.S.01451

The D120-638-021 Wearplate kit can be installed on D120-638-011 Bearpaw installations. The D3860-041 Wearplates should be installed on the D2435 Bearpaws as shown in Figure 1 on Sheet 2 of this Service Instruction. The Bearpaws should otherwise be installed on the skidtube per installation instructions IIN-D120-638 Rev A.

Customers with old style bearpaws will need to rework the counterbore on the bottom of the bearpaws per Figure 1 on Sheet 2 of this service instruction.

WEIGHT AND BALANCE

Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
D120-638-021 WEARPLATE KIT	1.72 lb 0.78 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	178.7 in 4.54 m	307.4 in-lb 3.54 m-kg

PARTS LIST

QTY. -021	PART NUMBER	DESCRIPTION
X	D120-638-021	Wearplate Kit
2	D3860-041	Wearplate
8	AN4-15A	Bolt
8	NAS1149D0463J	Washer
8	MS21042L4	Nut or (MS21042-4)

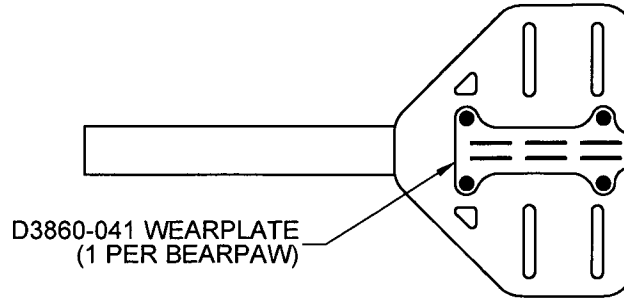
CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

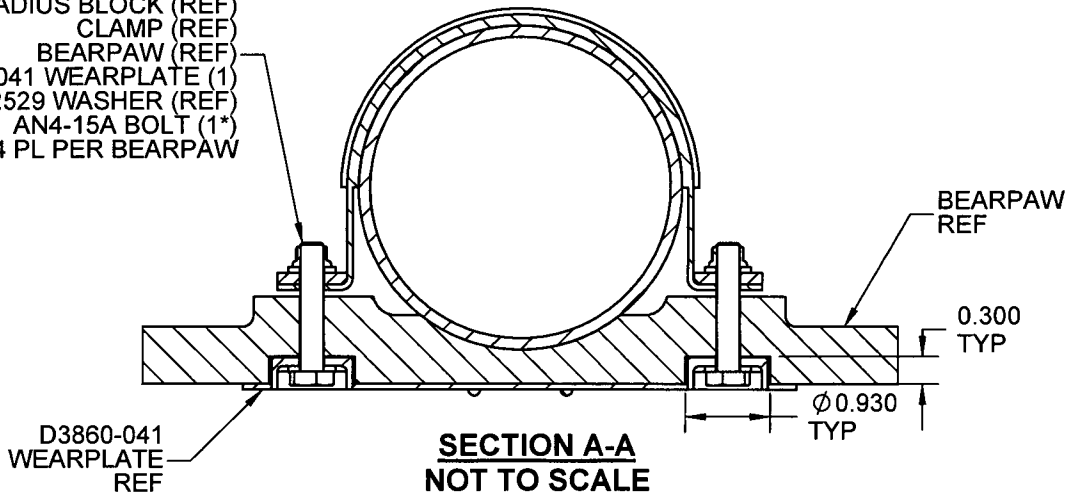
DATE: 09.01.15
CERT. NO.: SH99-221
ISSUE NO.: 1

A	NEW ISSUE		09.01.15
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9433	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE KIT	NTS
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BOTTOM VIEW

MS21042L4 NUT (1)
 NAS1149D0463J WASHER (1*)
 D2274 RADIUS BLOCK (REF)
 CLAMP (REF)
 BEARPAW (REF)
 D3860-041 WEARPLATE (1)
 D2529 WASHER (REF)
 AN4-15A BOLT (1*)
 4 PL PER BEARPAW



* ADDITIONAL NAS1149D0463J WASHERS MAY BE INSTALLED UNDER NUTS TO ENSURE 1.5 - 4 THREADS IN SAFETY ON BOLTS. ALTHOUGH NOT GENERALLY NECESSARY, IT IS ALSO ACCEPTABLE TO REPLACE THE AN4-15A BOLTS WITH LONGER OR SHORTER AN4 BOLTS, IF REQUIRED.

FIGURE 1: D120-638-021 WEARPLATE KIT

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MFG. APPR.	N/A	DSI 9433	SHEET 2 OF 2
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